

DEVICE FOR SEPARATING A MIXTURE OF GAS
WITH LIQUID AND/OR SOLID MATERIAL

ABSTRACT OF THE DISCLOSURE

Disclosed is a device for separating a mixture of gas with liquid and/or solids, which comprises a gravity separation vessel and a processing vessel which can be mounted in the gravity separation vessel. The processing vessel comprises a flow body which is provided with one or more swirl elements which set the feed mixture into rotation. The processing vessel also comprises a resistance element which is positioned between an outlet for the heavier fraction of the mixture and the flow body. The processing vessel may also comprise counter-swirl elements which are positioned in the discharge channel for the lighter fraction of the mixture.

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